

I claim:

- 1           1.     A motherboard assembly comprising:  
2                 a motherboard;  
3                 a socket for receiving a central processing unit mounted on the motherboard;  
4                 a first slot for receiving a first computer card;  
5                 a second slot for receiving a second computer card, wherein the second slot is  
6                         positioned between the central processing unit and the first slot, and  
7                         the first computer card generates greater heat during operation than  
8                         the first card.
- 1           2.     The motherboard assembly of claim 1, wherein the first slot is an AGP  
2     slot.
- 1           3.     The motherboard assembly of claim 2, wherein the second slot is a PCI  
2     slot.
- 1           4.     The motherboard assembly of claim 1, wherein the motherboard is for use  
2     in a small form factor computer.
- 1           5.     The motherboard assembly of claim 1, wherein the first slot is located  
2     adjacent to an edge of the motherboard and oriented parallel to the edge.

1           6.     The motherboard assembly of claim 1, wherein no additional card slot is  
2     located between the first slot and an edge of the motherboard adjacent to the edge.

1           7.     The motherboard assembly of claim 1 wherein the first slot is an AGP  
2     slot, the second slot is a PCI slot, the first slot is located adjacent to an edge of the  
3     motherboard oriented parallel to the first slot, wherein no other slot is located between  
4     the first slot and the edge, the first and second slots are mounted on the motherboard  
5     parallel and adjacent to each other.

1           8.     The motherboard assembly of claim 7, further comprising, on the  
2     motherboard:  
3                 an input/output module containing a plurality of ports for connecting the  
4                 computer to external devices, the input/output module located  
5                 adjacent to an edge of the motherboard perpendicular to the edge of  
6                 the motherboard that is adjacent to the first slot;  
7                 a power supply module located adjacent to an edge of the motherboard  
8                 opposite the edge of the motherboard that is adjacent to the first slot;  
9                 a memory module for receiving a memory card; and  
10                a chipset mounted on the motherboard between the memory module and the  
11                socket.